



NITFS

Compliance Registration



Product: Production Digital Point Positioning Data Base (DPPDB) Production System

Date: 27 October 2006

Supplier: Raytheon Systems Company

Expiration: 26 October 2008

Registration #: 349

Developer:

☐ Initial Registration
☒ Supplemental/Update #27
☐ Derived from Reg. #

System
 N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Product
 N-0105/98, §4.1.2

☒ **Component**
 N-0105/98, §4.1.3

Format

- NITF**
☐ v2.1
☒ v2.0
☐ v1.1
NSIF
☐ v1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NO DISPLY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ SIRA
☒ ADAA
☒ ADRA
☒ RDRA
☒ SDDA
☒ GSPA
☒ DPDA
☒ PRAA
☒ RSDA
☒ UPDA
☒ CBDA
☒ ASDA
☒ RFCA

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☐ Not Compressed
☒ PEG Lossy, 8-bit
☐ PEG Lossy, 12-bit
☐ PEG Downsample
☐ PEG Lossless
☐ PEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☒ CGM, 2301A
☐ Labels **

Text Segments

- ☒ TA
☐ UT1
☐ U8S
☐ MTF

** NITF 2.0 feature
 * NITF 2.1 feature

Configurations Tested:

-SGI Origin 2000
 -SGI Octane workstation

Legend
 Interpret
 Generate
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief
 Joint Interoperability Test Command
 Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of product for the intended use. Optional NITFS features may not be implemented.